

COPY**DECLARATION**PATENT (U.S.A.)
ATTORNEY'S DOCKET NO. PD-0391X ORIGINAL
CONTINUATION
DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-2, of the invention entitled:

**IMPROVED METHODS, APPARATUSES, AND USES FOR INFUSION PUMP FLUID PRESSURE
AND FORCE DETECTION**

Which is described and claimed in:

 the attached specification or
X the specification in application Serial No. 09/819,208 filed 3/27/01
 as amended on

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN
APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119
US	60/243,392	10/26/00	YES <u>X</u> NO <u> </u>
US	60/192,901	3/29/00	YES <u>X</u> NO <u> </u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.) (Filing Date) (Status)

Send correspondence to:
MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

DIRECT TELEPHONE CALLS TO:
Cary D. Talbot
(818) 576-5493

1	LAST NAME MOBERG	FIRST NAME SHELDON	MIDDLE NAME B.	Residence: CITY GRANADA HILLS	STATE or COUNTRY CALIFORNIA
	Post Office Address 11828 PASO ROBLES AVENUE, GRANADA HILLS, CA 91344				CITIZENSHIP US
2	LAST NAME CAUSEY, III	FIRST NAME JAMES	MIDDLE NAME D.	Residence: CITY SIMI VALLEY	STATE or COUNTRY CALIFORNIA
	Post Office Address 2107 CUSHMAN COURT, SIMI VALLEY, CA 93063				CITIZENSHIP US
3	LAST NAME BARE	FIRST NAME REX	MIDDLE NAME O.	Residence: CITY LAKE FOREST	STATE or COUNTRY CALIFORNIA
	Post Office Address 22467 OVERLAKE DRIVE, LAKE FOREST, CA 92630				CITIZENSHIP US
4	LAST NAME SCHERER	FIRST NAME ANDREW	MIDDLE NAME J.	Residence: CITY SAN DIMAS	STATE or COUNTRY CALIFORNIA
	Post Office Address 111 MARSHALL COURT, SAN DIMAS, CA 91773				CITIZENSHIP US

5	LAST NAME	FIRST NAME	MIDDLE NAME	Residence:	STATE or COUNTRY
	SARGENT	BRADLEY	J.	CITY MISSION VIEJO	CALIFORNIA
	Post Office Address 27562 PASATIEMPO, MISSION VIEJO, CA 92692				CITIZENSHIP US

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1	<i>Sheldon M. V</i>	SIGNATURE OF INVENTOR 2	<i>[Signature]</i>
DATE	4/18/01	DATE	4-18-01
SIGNATURE OF INVENTOR 3	<i>Lee O. Bone</i>	SIGNATURE OF INVENTOR 4	<i>Andreas Schump</i>
DATE	4-16-01	DATE	4-16-01
SIGNATURE OF INVENTOR 5	<i>Bradley J. Sargent</i>		
DATE	4-16-01		



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 05, 2001

PTAS



101833988A

MINIMED INC.
PAUL H. KOVELMAN
18000 DEVONSHIRE STREET
NORTHRIDGE, CALIFORNIA 91325-1219

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/29/2001

REEL/FRAME: 012125/0269
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MOBERG, SHELDON B.

DOC DATE: 04/18/2001

ASSIGNOR:
CAUSEY, JAMES D., III

DOC DATE: 04/18/2001

ASSIGNOR:
BARE, REX O.

DOC DATE: 04/16/2001

ASSIGNOR:
SCHERER, ANDREW J.

DOC DATE: 04/16/2001

ASSIGNOR:
SARGENT, BRADLEY J.

DOC DATE: 04/16/2001

ASSIGNEE:
MINIMED INC.
18000 DEVONSHIRE STREET
NORTHRIDGE, CALIFORNIA 91325-1219

*OK PHC
11/12/2001*

012125/0269 PAGE 2

SERIAL NUMBER: 09819208
PATENT NUMBER:

FILING DATE: 03/27/2001
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-05-2001



RE

PD-0391

101833988

To the Assistant Commissioner for Patents: Please rec.

1. Name of conveying party(ies):

Sheldon B. Moberg
James D. Causey, III
Rex O. Bare
Andrew J. Scherer
Bradley J. Sargent

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date April 16, 18 & 20, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/819,208

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Paul H. Kovelman
MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0621

(Attach copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Paul H. Kovelman

Name of Person Signing

Paul H. Kovelman
Signature

8/28/2001
Date

Total number of pages comprising cover sheet, attachments and document: [2]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

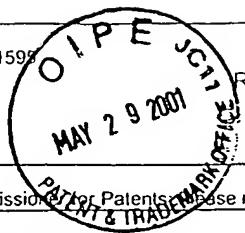
Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

\$ D

Form PTO-1592
1-3-92



06-06-2001



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PD-0391

101741970

To the Assistant Commissioner for Patents, please record the enclosed information.

1. Name of conveying party(ies):

Sheldon B. Moberg
James D. Causey, III
Rex O. Bare
Andrew J. Scherer
Bradley J. Sargent

5-29-01

2. Name and address of receiving party(ies):

MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date April 16, 18 & 20, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Cary Talbot, Patent Agent
MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0621

(Attach copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Cary Talbot

Name of Person Signing

Cary Talbot
Signature

5/22/01
Date

Total number of pages comprising cover sheet, attachments and document: [2]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

Attorney Docket No. PD-0391

(1-3) *Insert Name(s) of
Inventor(s)*

- (1) SHELDON B. MOBERG
- (2) JAMES D. CAUSEY, III
- (3) REX O. BARE
- (4) ANDREW J. SCHERER
- (5) BRADLEY J. SARGENT

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(4) *Insert name of Assignee*

(4) MiniMed Inc.

(5) *Insert state of
Incorporation of Assignee*

(5) Delaware

(6) *Insert address of
Assignee*

(6) of 18000 Devonshire Street, Northridge, CA 91325-1219
(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(7) *Insert identification of
Invention, such as Title,
Case Number or Foreign
Application Number*

(7) IMPROVED METHODS, APPARATUSES, AND USES FOR INFUSION
PUMP FLUID PRESSURE AND FORCE DETECTION
for which the undersigned has (have) executed an application for patent in the United States of America

(8) *Insert Date of Signing of
Application*

(8) on Apr. 11, 18, & 20, 2001

1) The undersigned agree(s) to execute all papers necessary in connection with an application in each of the countries of Schedule A and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

6) The undersigned hereby appoints:

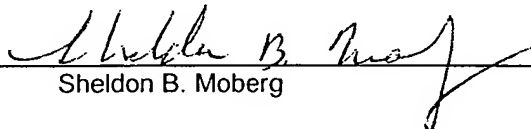
Paul H. Kovelman, Reg. No. 35,228

Cary Talbot, Reg. No. 47,123
Lena A, Basile, Reg. No. 44,026

all of the firm of Konrad Raynes & Victor LLP:

William K. Konrad, Reg. No. 28,868
Gary D. Mann, Reg. No. 34,867
Alan S. Raynes, Reg. No. 39,809
David Victor, Reg. No. 39,867

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 4/15/01 Signature of Inventor 
Sheldon B. Moberg

State of California

County of Los Angeles

On this April 18, 2001, before me, Christine Pineiro, a Notary Public, personally appeared Sheldon B. Moberg, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.



Notary Public



Date: 4-18-01 Signature of Inventor James D. Causey, III
James D. Causey, III

State of California

County of Los Angeles

On this April 18, 2001, before me, Christine P. Pineiro, a Notary Public, personally appeared James D. Causey, III, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public



Date: 4-16-01 Signature of Inventor Rex O. Bare
Rex O. Bare

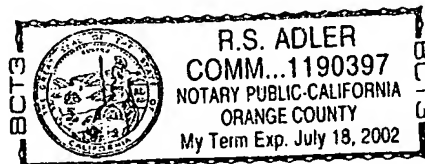
State of California

ORANGE
County of ~~Los Angeles~~

On this 16TH DAY OF APRIL, ²⁰⁰¹, before me, R.S. ADLER, a Notary Public, personally appeared Rex O. Bare, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public



Date: 4-16-01 Signature of Inventor *Andrew J. Scherer*
Andrew J. Scherer

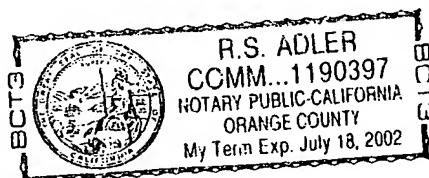
State of California

ORANGE COUNTY
County of ~~Los Angeles~~

On this 4-16-01, before me, *R-S. Adler* ~~*Andrew J. Scherer*~~ R-S-A, a Notary Public, personally appeared Andrew J. Scherer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

R-S. Adler
Notary Public



Date: 4-16-01 Signature of Inventor *Bradley J. Sargent*
Bradley J. Sargent

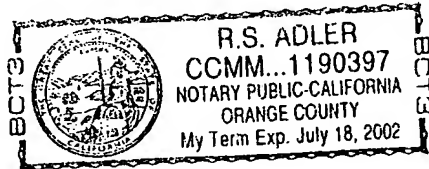
State of California

ORANGE COUNTY
County of ~~Los Angeles~~

On this 16TH DAY OF APRIL ²⁰⁰¹, before me, *R-S. Adler*, a Notary Public, personally appeared Bradley J. Sargent, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

R-S. Adler
Notary Public



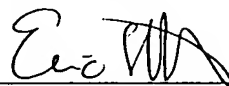
ACCEPTANCE:

The undersigned, MINIMED INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 20th day of April, 2001.

ASSIGNEE:

MINIMED INC.,
a Delaware Corporation

By: 

Name: Eric S. Kentor

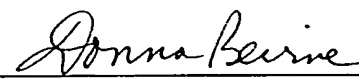
Title: Senior Vice President and General Counsel

State of California

County of Los Angeles

On this April 20, 2001, before me, Donna Beirne, a Notary Public, personally appeared Eric S. Kentor, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.


Notary Public



ASSIGNMENT

Attorney Docket No. PD-0391

(1-3) Insert Name(s) of
Inventor(s)

- (1) SHELDON B. MOBERG
- (2) JAMES D. CAUSEY, III
- (3) REX O. BARE
- (4) ANDREW J. SCHERER
- (5) BRADLEY J. SARGENT

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(4) Insert name of Assignee

(4) MiniMed Inc.

(5) Insert state of
Incorporation of Assignee

(5) Delaware

(6) Insert address of
Assignee

(6) of 18000 Devonshire Street, Northridge, CA 91325-1219
(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(7) Insert identification of
Invention, such as Title,
Case Number or Foreign
Application Number

(7) IMPROVED METHODS, APPARATUSES, AND USES FOR INFUSION
PUMP FLUID PRESSURE AND FORCE DETECTION
for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of Signing of
Application

(8) on Apr. 16, 18, & 20, 2001

1) The undersigned agree(s) to execute all papers necessary in connection with an application in each of the countries of Schedule A and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

6) The undersigned hereby appoints:

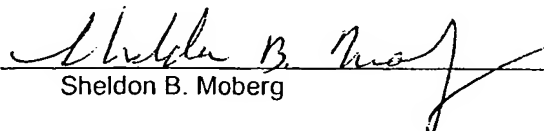
Paul H. Kovelman, Reg. No. 35,228

Cary Talbot, Reg. No. 47,123
Lena A, Basile, Reg. No. 44,026

all of the firm of Konrad Raynes & Victor LLP:

William K. Konrad, Reg. No. 28,868
Gary D. Mann, Reg. No. 34,867
Alan S. Raynes, Reg. No. 39,809
David Victor, Reg. No. 39,867

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 4/18/01 Signature of Inventor 
Sheldon B. Moberg

State of California

County of Los Angeles

On this April 18, 2001, before me, Christine Pineiro, a Notary Public, personally appeared Sheldon B. Moberg, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.



Notary Public



Date: 4-18-01 Signature of Inventor

James D. Causey, III

State of California

County of Los Angeles

On this April 18, 2001, before me, Christine Pineiro, a Notary Public, personally appeared James D. Causey, III, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public



Date: 4-16-01 Signature of Inventor

Rex O. Bare
Rex O. Bare

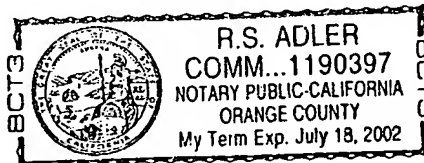
State of California

ORANGE
County of ~~Los Angeles~~

On this 16TH DAY OF APRIL, ²⁰⁰¹, before me, R-S. ADLER, a Notary Public, personally appeared Rex O. Bare, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public



Date: 4-16-01 Signature of Inventor Andrew J. Scherer
Andrew J. Scherer

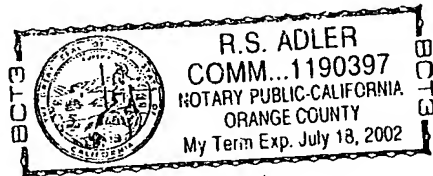
State of California

ORANGE COUNTY
County of ~~Los Angeles~~

On this 4-16-01, before me, R.S. Adler, a Notary Public, personally appeared Andrew J. Scherer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

R.S. Adler
Notary Public



Date: 4-16-01 Signature of Inventor Bradley J. Sargent
Bradley J. Sargent

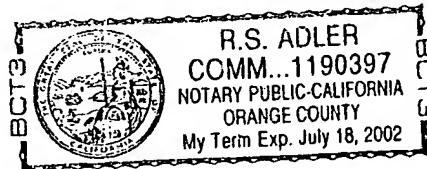
State of California

ORANGE COUNTY
County of ~~Los Angeles~~

On this 16TH DAY OF APRIL ²⁰⁰¹, before me, R.S. Adler, a Notary Public, personally appeared Bradley J. Sargent, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

R.S. Adler
Notary Public



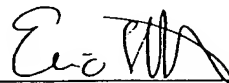
ACCEPTANCE:

The undersigned, MINIMED INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 20th day of April, 2001.

ASSIGNEE:

MINIMED INC.,
a Delaware Corporation

By: 

Name: Eric S. Kentor


Title: Senior Vice President and General Counsel

State of California

County of Los Angeles

On this April 20, 2001, before me, Donna Beirne, a Notary Public, personally appeared Eric S. Kentor, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.



Notary Public





UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 15, 2001

PTAS



101741970A

MINIMED INC.
CARY TALBOT, PATENT AGENT
18000 DEVONSHIRE STREET
NORTHRIDGE, CA 91325-1219

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 101741970

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PAK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Sheldon B. Moberg et al.) Examiner: unknown
Serial No.: 09/819,208)
Filed: March 27, 2001) Group Art Unit: 3763
For: IMPROVED METHODS, APPARATUSES,)
AND USES FOR INFUSION PUMP FLUID)
PRESSURE AND FORCE DETECTION)

RESPONSE TO NOTICE OF NON-RECORDATION OF DOCUMENT

U. S. Patent and Trademark Office
Assignment Division
Box Assignments, CG-4
1213 Jefferson Davis Highway, Suite 320
Washington, D.C. 20231

Dear Sir:

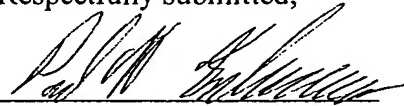
In response to the Notice of Non-Recordation of Document that Applicant received (a copy is enclosed) (Document ID No. 101741970), applicant has made the appropriate corrections and is submitting a new Recordation Form Cover Sheet along with the Assignment.

The Commissioner is hereby authorized to charge payment of any applicable fees associated with this communication or credit any overpayment to Deposit Account No. 50-0621.

A copy of this sheet is enclosed.

Respectfully submitted,

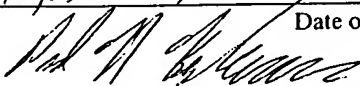
Date: August 28, 2001


Paul H. Kovelman
Reg. No. 35,228

MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219
Telephone: (818) 576-5313
Facsimile: (818) 576-6202

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on: August 28, 2001
Date of Deposit

Signature: 
Paul H. Kovelman, Reg. No. 35,228

COPY

PATENT
PD-0391

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
Sheldon B. Moberg et al.)	Examiner: unknown
Serial No.: 09/819,208)	
Filed: March 27, 2001)	Group Art Unit: 3763
For: IMPROVED METHODS, APPARATUSES,)		
AND USES FOR INFUSION PUMP FLUID)		
<u>PRESSURE AND FORCE DETECTION</u>)	

RESPONSE TO NOTICE OF NON-RECORDATION OF DOCUMENT

U. S. Patent and Trademark Office
Assignment Division
Box Assignments, CG-4
1213 Jefferson Davis Highway, Suite 320
Washington, D.C. 20231

Dear Sir:

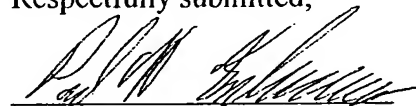
In response to the Notice of Non-Recordation of Document that Applicant received (a copy is enclosed) (Document ID No. 101741970), applicant has made the appropriate corrections and is submitting a new Recordation Form Cover Sheet along with the Assignment.

The Commissioner is hereby authorized to charge payment of any applicable fees associated with this communication or credit any overpayment to Deposit Account No. 50-0621.

A copy of this sheet is enclosed.

Respectfully submitted,

Date: August 28, 2001

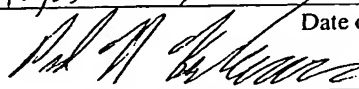


Paul H. Kovelman
Reg. No. 35,228

MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219
Telephone: (818) 576-5313
Facsimile: (818) 576-6202

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on: August 28, 2001 Date of Deposit

Signature: 
Paul H. Kovelman, Reg. No. 35,228

RECORDATION FORM COVER LETTER
PATENTS ONLY

COPY

PD-0391

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sheldon B. Moberg
James D. Causey, III
Rex O. Bare
Andrew J. Scherer
Bradley J. Sargent

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date April 16, 18 & 20, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/819,208

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Paul H. Kovelman
MiniMed Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0621

(Attach copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Paul H. Kovelman

Name of Person Signing


Signature

8/28/2001
Date

Total number of pages comprising cover sheet, attachments and document: [2]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503.

CUSTOMER NUMBER 23608

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Sheldon B. Moberg et al.)	
Serial No.:	Not Assigned)	Group Art Unit: Not Assigned
Filed:	October 14, 2003)	
Title:	IMPROVED METHODS,)	Examiner: Not Assigned
	APPARATUSES, AND USES FOR)	
	INFUSION PUMP FLUID PRESSURE)	
	AND FORCE DETECTION)	
)	
	Continuation of Prior U.S. Application)	
Parent Applicants:	Sheldon B. Moberg)	
Parent Serial No.:	10/302,002)	Parent Group Art Unit: 3752
Parent Filed:	November 22, 2002)	
For:	IMPROVED METHODS,)	Parent Examiner: Steven J. Ganey
	APPARATUSES, AND USES FOR)	
	INFUSION PUMP FLUID PRESSURE)	
	AND FORCE DETECTION)	

POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR UNDER RULE 3.71

Mail Stop Patent Application
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

The undersigned **Eric P. Geismar** is a representative authorized to sign on behalf of the assignee of the entire interest in the above-identified subject application, **MEDTRONIC MINIMED, INC.** and hereby appoints:

Paul H. Kovelman, Reg. No. 35,228;
Richard K. Yoon, Reg. No. 42,247;
Vivian S. Shin, Reg. No. 43,919;
Cary D. Talbot, Reg. No. 47,123;
Harold R. Patton, Reg. No. 22,157;
Girma Wolde-Michael, Reg. No. 36,724;
Thomas G. Berry, Reg. No. 31,736;
Kenneth J. Collier, Reg. No. 34,982;
Daniel W. Latham, Reg. No. 30,401;
Curtis D. Kinghorn, Reg. No. 33,926;

Thomas F. Woods, Reg. No. 36,726;
Beth L. McMahon, Reg. No. 41,987;
Eric R. Waldkoetter, Reg. No. 36,713;
Stephen W. Bauer, Reg. No. 32,192;
Michael Soldner, Reg. No. 41,455

and all of the firm of Foley & Lardner:

Ted R. Rittmaster, Reg. No. 32,933;
Irvin C. Harrington, III, Reg. No. 44,740;
Ronald Coslick, Reg. No. 36,489;
David A. Blumenthal, Reg. No. 26,257;
Richard D. Malone, Reg. No. 51,991;
William J. Robinson, Reg. No. 29,430;
Victor deGyarfas, Reg. No. 40,583

to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor and his attorney in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.

MEDTRONIC MINIMED, INC., per 37 C.F.R. §3.73(b), certifies that the evidentiary documents with respect to its ownership have been reviewed and that to the best of the undersign's knowledge and belief, title is in the assignee seeking this action.

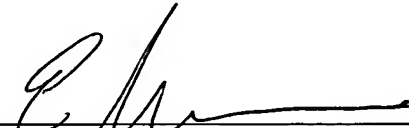
MEDTRONIC MINIMED, INC., declares that 100% ownership is established by an assignment to be in the Regular Utility Patent Application, and that the Inventors are under an obligation to assign the application to **MEDTRONIC MINIMED, INC.**

Please direct all telephone calls to Vivian S. Shin at (818) 576-5291 and all correspondence relative to said application to the following address:

Vivian S. Shin
Medtronic MiniMed, Inc.
18000 Devonshire Street
Northridge, CA 91325-1219

ASSIGNEE: **MEDTRONIC MINIMED, INC.**

Date: 8/29/03

Signature: 
Eric P. Geismar
Title: Vice President and Senior Counsel
Address: 18000 Devonshire Street
Northridge, CA 91325-1219